

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Albert Cosand, et al.

Serial No.: 10/707,076

Filed: November 19, 2003

For: PPM Receiving System and Method Using Time-Interleaved Integrators

Attorney Docket No.: BOE 0445 PUS

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Lisa Butler

*Lisa A Butler*  
Signature

**DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.56**

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Sir:

In compliance with 37 C.F.R. § 1.56, the art listed and identified on the attached PTO form is being submitted herewith for consideration by the Examiner. A copy of each of the listed references is included herewith.

It is Applicants' opinion that the claims presently on file patentably distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

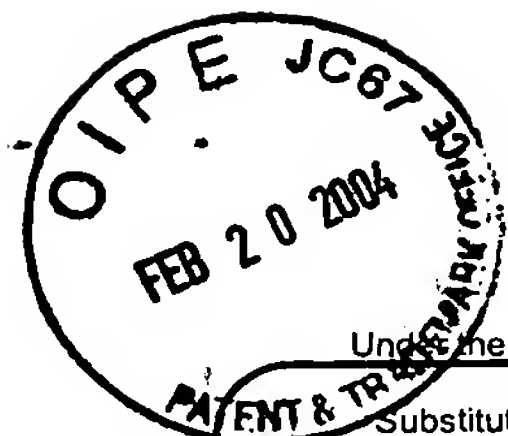
No fee is believed to be due because this statement and enclosures are being filed before the first Office Action on the merits mailed by the PTO. The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0476.

Respectfully submitted,

  
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Jeffrey J. Chapp  
Registration No. 50,579  
28333 Telegraph Road, Suite 250  
Southfield, MI 48034  
(248) 223-9500

Attorney for Applicant(s)

Date: February 18, 2004



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

Application Number	10/707076
Filing Date	11/19/2003
First Named Inventor	Albert Cosand
Art Unit	
Examiner Name	Unknown
Attorney Docket Number	03-0030

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	AA	US- 5,654,978	08-05-1997	Vanderpool, et al.	
	AB	US- 5,640,160	06-17-1997	Miwa	
	AC	US- 6,577,691	06-10-2003	Richards, et al.	
	AD	US- 5,691,665	11-25-1997	Ohtani	
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/707076
		Filing Date	11-19-2003
		First Named Inventor	Albert Cosand
		Art Unit	Unknown
		Examiner Name	Unknown
Sheet 1	of 1	Attorney Docket Number 03-0030	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AA	CHAN AND LAWRENCE, "An ASIC Chipset for Optical Communications", GaAs IC Symposium, 1993, pp. 303-306, Galaxy Microsystems, Inc., San Jose, California	
	AB	KARVONEN, RILEY, AND KOSTAMOVARA, "A Low Noise Quadrature Subsampling Mixer", IEEE International Symposium on Circuits & Systems, 2001, pp. IV 790 - IV 793, Department of Electrical Engineering and InfoTech Oulu, University of Oulu, 90571 Finland	
	AC	GHASSEMLOOY AND WICKRAMASINGHE, "A Low Cost Sub-Carrier Multiplexed PPM for Optical Fibre Transmission Systems", IEEE, 1998, pp.99-107, Contributed Paper, United Kingdom	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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